

MEDICAL DEVICE FOR DELIVERING A THERAPEUTIC SUBSTANCE
AND METHOD THEREFOR

ABSTRACT OF THE DISCLOSURE

A device useful for localized delivery of a therapeutic material is provided. The device includes a structure including a porous material; and a water-insoluble salt of a therapeutic material dispersed in the porous material. The water-insoluble salt is formed by contacting an aqueous solution of a therapeutic salt with a heavy metal water-soluble salt dispersed throughout a substantial portion of the porous material. The heavy metal water-soluble salt can be dispersed in the porous material so that the device can be sterilized and the therapeutic material can be loaded in the device *in situ*, for example, just prior to use. The therapeutic material is preferably a heparin or heparin derivative or analog which renders the material antithrombotic as an implantable or invasive device.